

Aberdeen Proving Ground (APG) Science and Technology Board Meeting, Oct
07, 1999

1. The APG Science and Technology board convened at 10:00, October 07, 1999. Mr. Brian Simmons opened the meeting.
2. Attendees at the meeting were:

Mr. Brian Simmons	U.S. Army Developmental Test Command (USADTC)
COL Drew Ellis	U.S. Army Test Center
Dr. Gunther Hirsch	Harford County Council
Mr. Tom Topping	Cecil Community College (CCC)
Mr. Harland Graef	CCC
Ms. Maurie Peterson	U.S. Army Laboratory Command (USARL)
Mr. Jerry Macon	U.S. Army Ordnance Center and School (USAOC&S)
Dr. Jim Savage	U.S. Army Soldier, Biological and Chemical Command (SBCCOM)
Ms. Rita Savage	USAOC&S
Mr. Rick Cozby	USADTC
Dr. Dave Brown	USADTC
Mr. Jon Fleisher	USADTC
Mr. John McFassel	USADTC
Ms. Barbara Moore	U.S. Army Research Laboratory (USARL)
Mr. Rich Dimmick	USARL
Dr. Brennie Hackley	U.S. Army Medical Research Institute of Chemical Defense (USAMIRCD)
Mr. Jesse Barkley	U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM)
Dr. Jim LaCalle	Harford Community College
Denise Carnaggio	Office of Economic Development (OED)
Mr. Bill Rutherford	OED
Mr. Warren Mullins	Northeastern Maryland Technology Council (NMTC)

Mr. Bob Gross	USASBCCOM
Dr. Jim Bacon	Program Manager, Chemical Demil
Mr. John McFassel	USAATC
Mr. Ted Wheeler	USAATC
Ms. Jeanne Rapley	APG BDO
Mr. Joe Craten	U.S. Army Garrison, APG
Mr. Jesse Barkley	Center for Health Promotion And Preventive Medicine (USACCHPM)
Mr. Michael Dette	U.S. Army Environmental Center (USAEC)
Mr. Jack Martin	TRI-S
Mr. Stephen Clark	USADTC

3. Highlights of the meeting:

Mr. Simmons started the meeting with an introduction of attendees.

The University of MD visit is set 3 November 99. Intent of this visit is to encourage the University to have a permanent presence in the county and to have students to come off the proving ground as well as outside community. Mr. Simmons is optimistic about the prospect for success. Original visit cancelled due to Hurricane Floyd.

Ms. Carnaggio briefed that Battelle will be moving to the HEAT Center. Also Logicon is relocating to the HEAT Center. Governor Glendenning's visit was successful. The Job Fair will be opened to everyone. S&T Board fought to save the Job Fair. The Business Development Office at PAX River was featured in Real Estate Journal on 9/16/99. TechGazette featured S&T and APG in it's Oct 99 issue. Working on a new HEAT Center brochure. Dec 6 and 7 is the Technology Showcase at Convention Center. S&T needs to supply brochures for this convention.

Mr. Mullins provided an update on the NMTC. Monthly meeting on 14 Oct 99. Also annual meeting held with General Doesburg as speaker. NMTC has been giving 2k scholarships to students of HCC and CCC. Providing computers to CCC for modeling course in fall. Mr. Simmons thanked Mr. Mullins for helping relocate Battelle to the HEAT Center.

Mr. Dimmick provided an update on FLC. A short overview on FLC was provided for new attendees. Attempts to find champions in MD tech areas to take the lead. Mr. Dimmick asked for Business Development

Office lead. Mr. Simmons requested attendees report back to their respective organizations the need for each activity to provide for funding for the S&T Board. Mr. Simmons will be talking to the senior leadership. This issue is coming up. The BDO has made a lot of progress; he asked for time to put it together.

Ms. Rapley briefed her role as a BDO contractor. The BDO requires a single point of contact, road map to APG technologies, and an easier interface with APG. She is a consultant with Battelle and a former attorney with TECOM. She was hired to help establish the BDO and is working with Dave Butler and John McCarthy. Ms. Rapley's primary duty is to gather and maintain a database of APG core competencies. Her secondary duty includes maintaining a database of possible partners for tech transfer. Ms. Rapley is gathering the core competencies. Information will be posted on the S&T/BDO web page. Goal is to match interested customers with the right APG organization. Ms. Rapley stated primary initial work includes an introduction letter, email survey, request for flyers, media, follow up interviews, start with major divisions and work down, in-depth look at capabilities. The database will help organize the BDO, while showing how you can partner with each other; the sum of the parts is greater than the whole. Conclusion: Need for survey is critical.

Mr. Simmons emphasized the importance of the survey, that the command knows it is critical. The Education survey responses received earlier were weak.

Mr. Cozby introduced the next two presenters in order to place the presentations in context. The speakers were part of the muscle building program at APG.

Mr. McFassel briefed ATC Fire and Flammability Testing, a congressionally mandated program. This includes fire suppression testing, armor and projectile testing for Military specs and Research and Development, and underwater shock testing. Mine/countermines. Ground Combat vehicle Tester for DoD. All Major Vehicle Live Fire Vulnerability Tests (Bradley, M1 Series, Paladin).

Mr. Fleisher briefed the relationship between the Virtual Proving Ground (VPG) and the Unmanned Ground Vehicle (UGV) programs.. The Challenge is to test systems that are more complicated. Always need to come up with new means of testing. Modeling and Simulation (M&S) supports maximization of resources. Simulation has been used for about 20 years.

Looking at doing things in innovative ways. Provides a comprehensive and cohesive capability for testing concepts, virtual prototypes, hardware prototypes, and sub-systems. VPG impacts test systems design, synthetically test prototype before field test, design most efficient test, eliminate some field-testing, extend the analysis, and training support. Test include: All Digital Virtual Test, Lab Based Hardware in the loop, Field Based Hardware in the loop, and field test (normal). Testing as VPG allows various Test Center's to be connected together

Mr. John Schnell introduced Ms. Christie Harrell, graduate of the Freestate Challenge program as a follow-on to the briefing provided in March 99. An 11-minute video re-introduced the program to the audience followed by an question/answer period. This program will see it's one-thousandth graduate in January 2000.

Dr. Brown wrapped up the meeting at 1455. Called for presentations from other organizations. Presentations which are less technical in nature are requested. The board will continue to feature presentations as an introduction to capabilities. Looking for volunteer presenters.

STEPHEN C. CLARK
S&T Board Coordinator